

# Delran Intermediate School

## Summer Math Assignment

There are two goals of this Summer Math Assignment:

- to encourage students to maintain and enhance their computational fluency, and
- to have students practice problem solving strategies while solving multi-step word problems.

Thank you in advance for your support and encouragement as your child develops his/her mathematical thinking skills. With your help, your child will surely return to school in September ready to succeed.

### **Computational Fluency**

Students are required to practice their basic math facts for 20 minutes per week. You can choose to practice your facts in one 20-minute session, two 10-minute sessions, or four 5-minute sessions each week. Use the attached calendar to log your computational fluency practice.

- Incoming 3<sup>rd</sup> graders should practice all addition and subtraction facts.
- Incoming 4<sup>th</sup> graders should practice all addition and subtraction facts, and multiplication and division facts within 100 (up to  $10 \times 10$  or  $100 \div 10$ )
- Incoming 5<sup>th</sup> graders should practice all addition, subtraction, multiplication, and division facts.

You can choose to practice your math facts in a number of ways. Here are some suggestions:

- Flash cards
- Log on to FASTT Math from the DIS website.
- Practice online. Here are some suggested websites for practicing computational fluency. All are free, and a login is NOT required:
  - [www.arcademicskillbuilders.com](http://www.arcademicskillbuilders.com)
  - [www.mathplayground.com](http://www.mathplayground.com)
  - [www.coolmath.com](http://www.coolmath.com)
  - [www.eduplace.com/kids/hmm](http://www.eduplace.com/kids/hmm)
  - <http://www.funbrain.com/brain/MathBrain/MathBrain.html>

### **Problem Solving**

Students are required to complete the 8 multi-step word problems attached. We suggest completing one problem each week during July and August. Encourage your child to be sure to solve all parts of the problem, show all of your work, and include a label with your answer.

This Summer Math Assignment is

**DUE on Friday, September 5, 2014**

and will count on the 1<sup>st</sup> Trimester math grade.

# Computational Fluency

Please note the amount of time and initial on each date that your child practices his/her math facts. 20 minutes per week are required.

## July 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
		<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	Total Number of Minutes for this week: _____
		_____	_____	_____	_____	_____	
		# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	
		_____	_____	_____	_____	_____	
		Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	
<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	Total Number of Minutes for this week: _____
_____	_____	_____	_____	_____	_____	_____	
# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	
_____	_____	_____	_____	_____	_____	_____	
Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	
<i>13</i>	<i>14</i>	<i>15</i>	<i>16</i>	<i>17</i>	<i>18</i>	<i>19</i>	Total Number of Minutes for this week: _____
_____	_____	_____	_____	_____	_____	_____	
# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	
_____	_____	_____	_____	_____	_____	_____	
Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	
<i>20</i>	<i>21</i>	<i>22</i>	<i>23</i>	<i>24</i>	<i>25</i>	<i>26</i>	Total Number of Minutes for this week: _____
_____	_____	_____	_____	_____	_____	_____	
# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	# of minutes	
_____	_____	_____	_____	_____	_____	_____	
Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial	
<i>27</i>	<i>28</i>	<i>29</i>	<i>30</i>	<i>31</i>			Total Number of Minutes for this week: _____
_____	_____	_____	_____	_____			
# of minutes	# of minutes	# of minutes	# of minutes	# of minutes			
_____	_____	_____	_____	_____			
Parent Initial	Parent Initial	Parent Initial	Parent Initial	Parent Initial			

# Computational Fluency

Please note the amount of time and initial on each date that your child practices his/her math facts. 20 minutes per week are required.

## August 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 _____ # of minutes _____ Parent Initial	2 _____ # of minutes _____ Parent Initial
3 _____ # of minutes _____ Parent Initial	4 _____ # of minutes _____ Parent Initial	5 _____ # of minutes _____ Parent Initial	6 _____ # of minutes _____ Parent Initial	7 _____ # of minutes _____ Parent Initial	8 _____ # of minutes _____ Parent Initial	9 _____ # of minutes _____ Parent Initial
10 _____ # of minutes _____ Parent Initial	11 _____ # of minutes _____ Parent Initial	12 _____ # of minutes _____ Parent Initial	13 _____ # of minutes _____ Parent Initial	14 _____ # of minutes _____ Parent Initial	15 _____ # of minutes _____ Parent Initial	16 _____ # of minutes _____ Parent Initial
17 _____ # of minutes _____ Parent Initial	18 _____ # of minutes _____ Parent Initial	19 _____ # of minutes _____ Parent Initial	20 _____ # of minutes _____ Parent Initial	21 _____ # of minutes _____ Parent Initial	22 _____ # of minutes _____ Parent Initial	23 _____ # of minutes _____ Parent Initial
24 _____ # of minutes _____ Parent Initial	25 _____ # of minutes _____ Parent Initial	26 _____ # of minutes _____ Parent Initial	27 _____ # of minutes _____ Parent Initial	28 _____ # of minutes _____ Parent Initial	29 _____ # of minutes _____ Parent Initial	30 _____ # of minutes _____ Parent Initial

Total Number of  
Minutes for this week:  
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Total Number of  
Minutes for this week:  
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Total Number of  
Minutes for this week:  
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Total Number of  
Minutes for this week:  
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Total Number of  
Minutes for this week:  
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# Problem Solving – Incoming 3<sup>rd</sup> Graders

## Problem #1

Week of July 7

Directions: Solve the problem. Show all of your work and be sure to label your answer.

There are 24 students in Mr. Adam's class, 26 students in Mrs. White's class and 30 students in Mr. Grey's class. If there are 75 cupcakes, are there enough for each student to have one?

## Problem #2

Week of July 14

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Butuhan had \$80. He went to the store and bought two new toys. One toy cost \$15 and the other toy cost \$25. How much money does he have left?

**Problem #3****Week of July 21**

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Larry has 82 pieces of candy. Rosie has 8 fewer pieces than Larry. How many pieces of candy do Larry and Rosie have together?

**Problem #4****Week of July 28**

Directions: Solve the problem. Show all of your work and be sure to label your answer.

There were 26 horses on a ranch. The rancher bought new seven more horses. Three horses wandered off. How many horses are on the ranch now?

**Problem #5****Week of August 4**

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Lisa practiced piano for thirty minutes on Monday. On Tuesday, she practiced twenty more minutes than Monday. How many minutes did she practice altogether?

**Problem #6****Week of August 11**

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Amy had saved up \$100. She spent \$23 on a doll and \$41 on a new video game. How many dollars does she have left?

**Problem #7****Week of August 18**

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Lindsay has 14 dolls and Bella has 5 more than Lindsay. How many dolls do they have altogether?

**Problem #8****Week of August 25**

Directions: Solve the problem. Show all of your work and be sure to label your answer.

Halil saw 72 children on the playground. 23 children went inside. 12 more children came outside. How many children are on the playground now?